

REWRITABLE RECORDING MEDIUM AND METHOD FOR RECORDING IT

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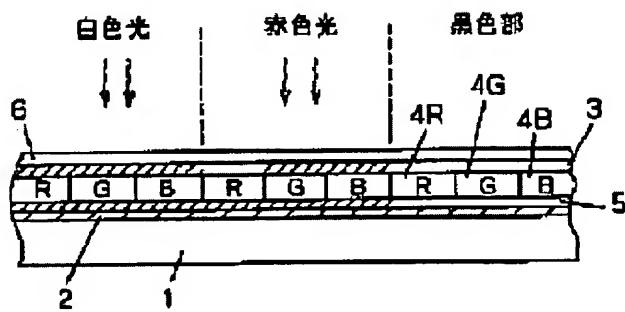
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Abstract of JP2000198275

PROBLEM TO BE SOLVED: To allow multicolor recording by using a reversible heat-sensitive recording material changing in a transparency. **SOLUTION:** When an overall recording layer is clarified by heating of a first heating mode, a colored layer 4 is developed in colors of a red part 4R, a green part 4F and a blue part 4B, but since recording layers 3, 5 are transparent, a transmitted light is absorbed by a light absorption layer 2, and hence it exhibits black when it is observed from a surface protective layer 6 side. Meanwhile, when a light of a color image is emitted, the layer 4 absorbs a light except the transmitted lights of themselves to rise at its temperature. The layers 3, 5 near the layer 4 are turned whitish by a temperature rise of this second heating mode, and it conceals the color of the layer 4. Since a part emitted with a red light does not, for example, absorb a light only in the part 4R, the layer 3 on the part 4R is held as it is, but the red light transmitting the part 4R is absorbed by the layer 2 directly under the colored layer of the red part 4R, the layer 2 of this part is temperature raised, received by a change of the second heating mode, and hence the layer 5 turns whitish.



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